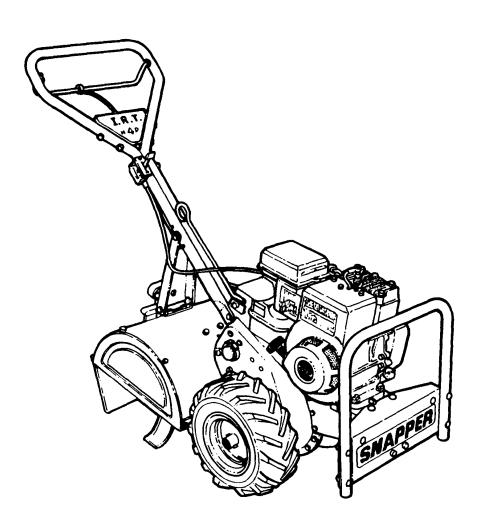
Parts Manual for

SNAPPER

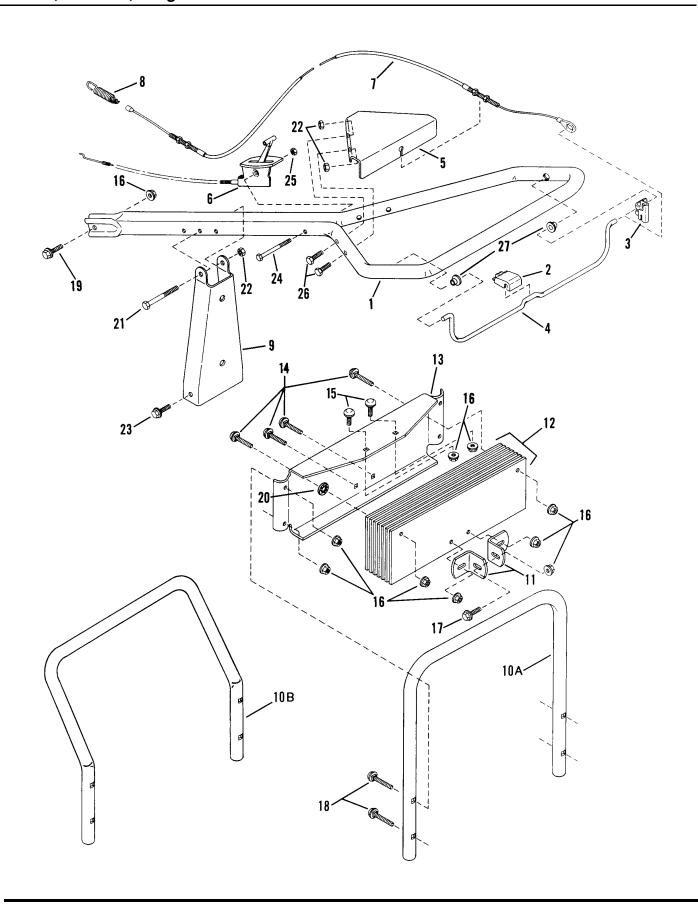
INTERMEDIATE REAR TINE TILLERS SERIES 0, 1 & 2



MODEL
IR4000B
IR4001B
IR4002T
IR4002B
IR5002B

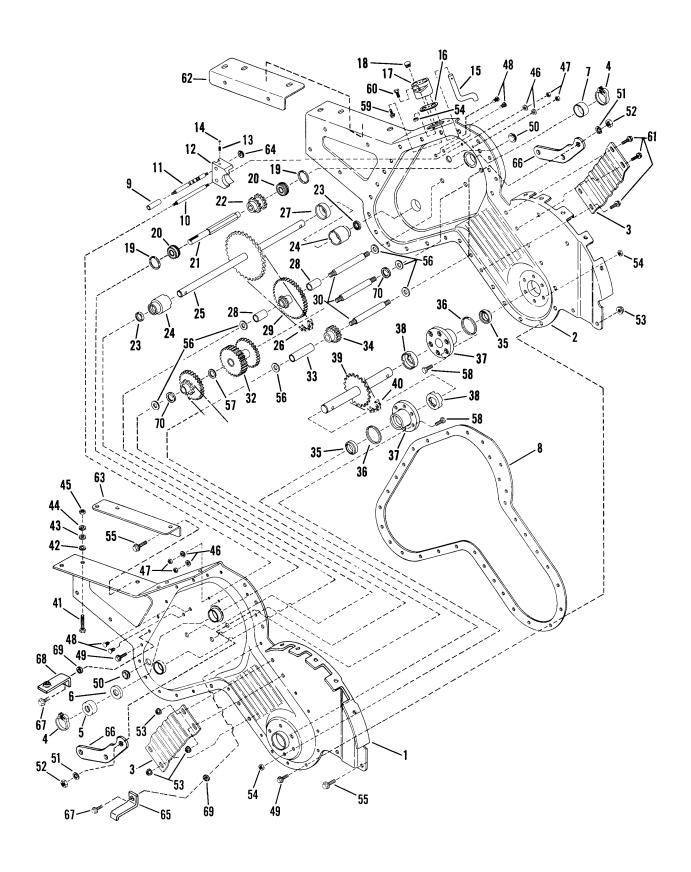
SNAPPER. McDonough, GA, 30253 U.S.A.

PAGE GROUP 4 Handle, Controls, Weights 6 Main Case & Gears Tiller Head Components 12 Shift & Drive Components 14 Wheels, Tires, Rims 18 20 Decals Accessory - Cultivator Shield Kit 22 Accessory - Hiller-Furrower Kit 24



Handle, Controls, Weights

Item	Part No	Qty	Description	Note
1	7036169		BAR, Handle	
2	7014682		COVER, Cable	
3	7032593		CATCH, Bail	
4	7018787		BAIL	
5	7036170		PANEL, Dash	
6	7018921		CONTROL, Throttle (Series 0 & 1)	
7	7018808		CABLE, Clutch	
8	7015252		SPRING, Tine	
9	7038221		SUPPORT, Handle	
10A	7036171		BAR, Stand-Up (Briggs & Stratton)	
10B	7033131		BAR, Stand-Up (Tecumseh)	
11	7032496	2	BRACKET, Weight	
12	7038223	7	WEIGHT, Steel	
13	7035107		BOX, Weight	
14	7090861	4	BOLT, 5/16-18 x 1 3/4" Carriage	
15	7090316	2	BOLT, 5/16-18 x 5/8" Carriage	Was 90605
	7090316		BOLT, 5/16-18 x 3/4" Carriage (IR 50028)	
16	7091601	12	LOCKNUT, 5/16-18 Hex Flange	Was 90585
17	7090595		BOLT, 5/16-18 x 3/4" Hex Flange Lock	
18	7091612	4	BOLT, 5/16-18 x 1 1/2" Carriage	Was 90582
19	7090661		BOLT, 5/16-18 x 1" Hex Flange Lock	
20	7011791	4	RETAINER, 5/16 Bolt	
21	7090831		SCREW, 5/16-18 x 2 3/4" Hex Head Cap	
22	7091575	5	LOCKNUT, 5/16-18 Hex	Was 90184
23	7091541	2	SCREW, 5/16-18 x 3/4" Self-Tapping	Was 90368
24	7091732		SCREW, 1/4-20 x 2 3/4" Hex Head Cap	Was 90971
25	7090372		LOCKNUT, 1/4-20 Hex	
26	7091540	4	SCREW, 5/16-18 x 1 1/2" Hex Head Cap	Was 90211
27	7014681	2	BUSHING	



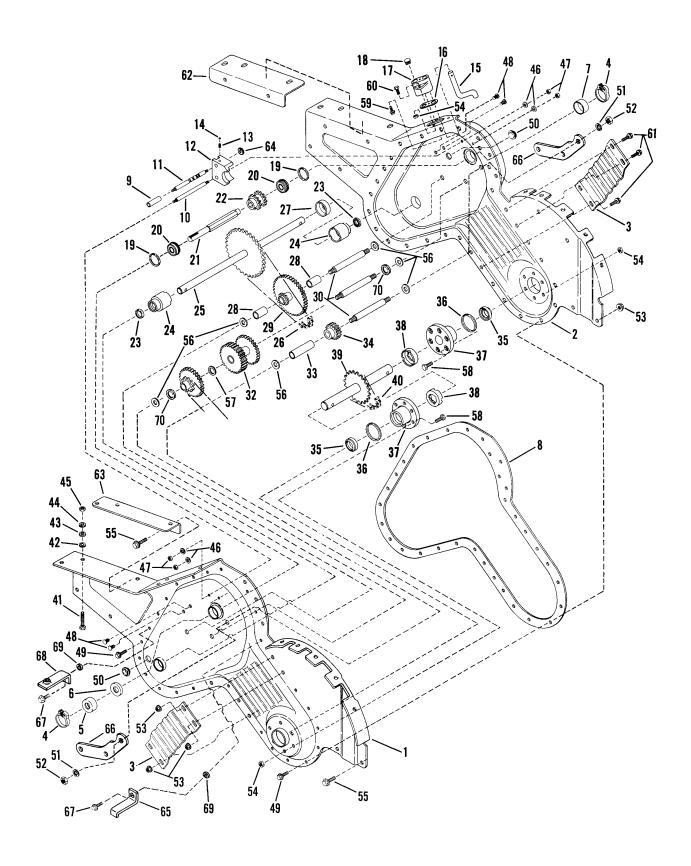
Main Case & Gears

7059969 CASE ASSMY., Complete (Service Kit) 1 7035520 CASE, Left Hand Tiller Was 35094 (Series 0 & 1) 2 7035218 CASE, Right Hand Tiller Was 35095 (Series 0 & 1) 7035218 CASE, Right Hand Tiller Was 35095 (Series 0 & 1) 7035218 CASE, Right Hand Tiller (Series 2) 3 7038222 2 PEINFORCEMENT, Case 4 7015597 2 **CLAMP, Speedy 5 7015040 **SEAL, Boot Oil 6 7015716 **SEAL, Doil 7 7015598 **SEAL, Cap 8 7028753 GASKET, Main Case 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 12 7018786 FORK, Primary Shaft 13 7023252 SPRING 4 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 *PLUG, 1/2* Button 19 7015350 2 O-RING 20 7010756 2 BEARING	Item	Part No	Qty	Description	Note
7035220 CASE, Left Hand Tiller (Series 2) 7035218 CASE, Right Hand Tiller (Was 35095 (Series 0 & 1) 3 7038218 CASE, Right Hand Tiller (Series 2) 3 7038222 2 REINFORCEMENT, Case 4 7015597 2 *CLAMP, Speedy 5 7015040 *SEAL, Oil *SEAL, Oil 7 7015598 *SEAL, Cap Was 16021 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft *Was 16021 702514 SPACER, Main Shaft *Was 16021 702517 PIN, Guide *Was 14500 10 702197 PIN, Guide *Was 14500 11 7022512 SHAFT, Main Detent *Was 14500 12 7018786 FORK, Primary Shaft *Was 14500 13 7023252 SPRING Was 14500 14 7015405 CRANK, Shift *Was 14500 15 7015679 GASKET, Shift Arm *Was 22054 (Series 0 & 1)		7059969		CASE ASSM'Y., Complete	(Service Kit)
2 7035218 CASE, Right Hand Tiller (Series 0 & 1) 7035218 CASE, Right Hand Tiller (Series 2) 3 7038222 2 REINFORCEMENT, Case 4 7015597 2 *CLAMP, Speedy 5 7015040 *SEAL, Boot Oil 6 7015716 *SEAL, Oil 7 7015598 *SEAL, Cap 8 7028753 GASKET, Main Case 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 70223252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015405 CRANK, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 *PLUG, 1/2* Button 19 7015350 2 O-RING 20 70107076 2 BEARING 21	1	7035520		CASE, Left Hand Tiller	Was 35094 (Series 0 & 1)
7035218 CASE, Right Hand Tiller (Series 2) 3 7038222 2 REINFORCEMENT, Case 4 7015597 2 *CLAMP, Speedy 5 7015040 *SEAL, Boot Oil 6 7015716 *SEAL, Oil 7 7015598 *SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7016786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL Was 14500 15 7015405 CRANK, Shift Was 14500 16 7015679 GASKET, Shift Arm *PLUG, 1/2* Button 17 7015331 PIVOT, Shift Arm *PLUG, 1/2* Button 20 7010756 2 BEARING 20 7015392 PINION, Input		7035220		CASE, Left Hand Tiller	(Series 2)
3 7038222 2 REINFORCEMENT, Case 4 7015597 2 * CLAMP, Speedy 5 7015040 * SEAL, Boot Oil 6 7015716 * SEAL, Cap 7 7015598 * SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft Was 16021 10 7021977 PIN, Guide Was 14500 11 7022512 SHAFT, Main Detent Was 14500 12 7018786 FORK, Primary Shaft Was 14500 13 7023252 SPRING Was 14500 14 7014469 BALL Was 14500 15 7015675 GASKET, Shift Arm Was 14500 16 7015679 GASKET, Shift Arm Was 22054 (Series 0 & 1) 17 7015313 PIVOT, Shift Arm Was 22054 (Series 0 & 1) 19 7015756 2 BEARING Well 21 7023849 * SHAFT, Input (Series 2)	2	7035218		CASE, Right Hand Tiller	Was 35095 (Series 0 & 1)
4 7015597 2 *CLAMP, Speedy 5 7015040 *SEAL, Boot Oil 6 7015716 *SEAL, Oil 7 7015598 *SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL Was 14500 15 7015405 CRANK, Shift Was 14500 16 7015679 GASKET, Shift Arm Was 14500 17 7015313 PIVOT, Shift Arm Was 22054 (Series 0 & 1) 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input (Series 2) 22 7015316 2 SEAL, Oil 24 7015319		7035218		CASE, Right Hand Tiller	(Series 2)
5 7015040 * SEAL, Boot Oil 6 7015716 * SEAL, Oil 7 7015598 * SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 20 7010756 2 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 * SHAFT, Input (Series 2) 21 7015316 2 SEAL, Oil 24 7015319 2 <td>3</td> <td>7038222</td> <td>2</td> <td>REINFORCEMENT, Case</td> <td></td>	3	7038222	2	REINFORCEMENT, Case	
6 7015716 * SEAL, Oil 7 7015598 * SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL Was 14500 15 7015405 CRANK, Shift Was 14500 16 7015679 GASKET, Shift Arm Was 14500 17 7015313 PIVOT, Shift Arm Was 2054 (Series 0 & 1) 18 7015409 * PLUG, 1/2* Button Was 22054 (Series 0 & 1) 19 7015350 2 O-RING Was 22054 (Series 0 & 1) 20 7010756 2 BEARING Was 22054 (Series 0 & 1) 22 7015982 PINION, Input (Series 2) 24 7015319 2	4	7015597	2	* CLAMP, Speedy	
7 7015598 * SEAL, Cap 8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft 10 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING 4 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 20 7010756 2 21 7023849 * SHAFT, Input (Series 2) 22 7015982 PINION, Input (Series 2) 23 7015319 2 BEARING, Axle (Series 2) 25 7040609 WELDMENT, Axle (Was 40530 (Series 0 & 1) 26 7015318 <td< td=""><td>5</td><td>7015040</td><td></td><td>* SEAL, Boot Oil</td><td></td></td<>	5	7015040		* SEAL, Boot Oil	
8 7028753 GASKET, Main Case Was 16021 9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL Was 14500 15 7015405 CRANK, Shift CRANK, Shift Arm 16 7015679 GASKET, Shift Arm FUNCT, Shift Arm 17 7015313 PIVOT, Shift Arm FUNCT, Shift Arm 19 7015050 2 O-RING Vas 22054 (Series 0 & 1) 20 7010756 2 BEARING Vas 22054 (Series 0 & 1) 21 7023849 * SHAFT, Input (Series 2) 22 7015982 PINION, Input (Series 2) 23 7015319 2 BEARING, Axle (Series 2) 25 7040609 * WELDMENT, Axle (Series 2)	6	7015716		* SEAL, Oil	
9 7015348 SPACER, Main Shaft 7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input (Series 2) 22 7015982 PINION, Input (Series 2) 23 7015316 2 SEAL, Oil 24 7015319 2 BEARING, Axle (Series 2) 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 (Series 2)	7	7015598		* SEAL, Cap	
7022514 SPACER, Main Shift (IR 5002B) 10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 * SHAFT, Input (Series 2) 22 7015316 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPR	8	7028753		GASKET, Main Case	Was 16021
10 7021977 PIN, Guide 11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 20 7010756 2 BEARING 21 7023849 * SHAFT, Input (Series 2) 22 7015382 PINION, Input (Series 2) 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 (Series 2) 27 7015348 2 SPACER, Wheel Shaft 28 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	9	7015348		SPACER, Main Shaft	
11 7022512 SHAFT, Main Detent 12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL		7022514		SPACER, Main Shift (IR 5002B)	
12 7018786 FORK, Primary Shaft 13 7023252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input (Series 2) 22 7015982 PINION, Input (Series 2) 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	10	7021977		PIN, Guide	
13 7023252 SPRING Was 14500 14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 20 7010756 2 BEARING Was 22054 (Series 0 & 1) 21 7023849 SHAFT, Input 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	11	7022512		SHAFT, Main Detent	
14 7014469 BALL 15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	12	7018786		FORK, Primary Shaft	
15 7015405 CRANK, Shift 16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	13	7023252		SPRING	Was 14500
16 7015679 GASKET, Shift Arm 17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	14	7014469		BALL	
17 7015313 PIVOT, Shift Arm 18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input (Series 2) 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 (Series 2) 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	15	7015405		CRANK, Shift	
18 7015409 * PLUG, 1/2" Button 19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	16	7015679		GASKET, Shift Arm	
19 7015350 2 O-RING 20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle (Series 0 & 1) 26 7015347 CHAIN, Traction #40 (Series 2) 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	17	7015313		PIVOT, Shift Arm	
20 7010756 2 BEARING 21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	18	7015409		* PLUG, 1/2" Button	
21 7023849 * SHAFT, Input Was 22054 (Series 0 & 1) 7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	19	7015350	2	O-RING	
7023849 SHAFT, Input (Series 2) 22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 *WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	20	7010756	2	BEARING	
22 7015982 PINION, Input 23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	21	7023849		* SHAFT, Input	Was 22054 (Series 0 & 1)
23 7015136 2 SEAL, Oil 24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367		7023849		SHAFT, Input	(Series 2)
24 7015319 2 BEARING, Axle 25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	22	7015982		PINION, Input	
25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	23	7015136	2	SEAL, Oil	
25 7040609 * WELDMENT, Axle Was 40530 (Series 0 & 1) 7040609 WELDMENT, Axle (Series 2) 26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	24	7015319	2	BEARING, Axle	
26 7015347 CHAIN, Traction #40 27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	25	7040609			Was 40530 (Series 0 & 1)
27 7015318 SPACER, Wheel Shaft 28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367		7040609		WELDMENT, Axle	(Series 2)
28 7015348 2 SPACER 29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	26	7015347		CHAIN, Traction #40	
29 7018790 GEAR & SPROCKET 30 7045127 SHAFT, Gear Was 22367	27	7015318		SPACER, Wheel Shaft	
30 7045127 SHAFT, Gear Was 22367	28	7015348	2	SPACER	
	29	7018790		GEAR & SPROCKET	
31 7053662 ** ASSEMBLY, Tine Drive Gear <i>Was 52634</i>	30	7045127		SHAFT, Gear	Was 22367
	31	7053662		** ASSEMBLY, Tine Drive Gear	Was 52634

Footnotes:

NOTE: * Not Used On Model IR 5002B

NOTE: ** Part # 15339 DX Bearings are included, if purchased separately they must be pressed in.



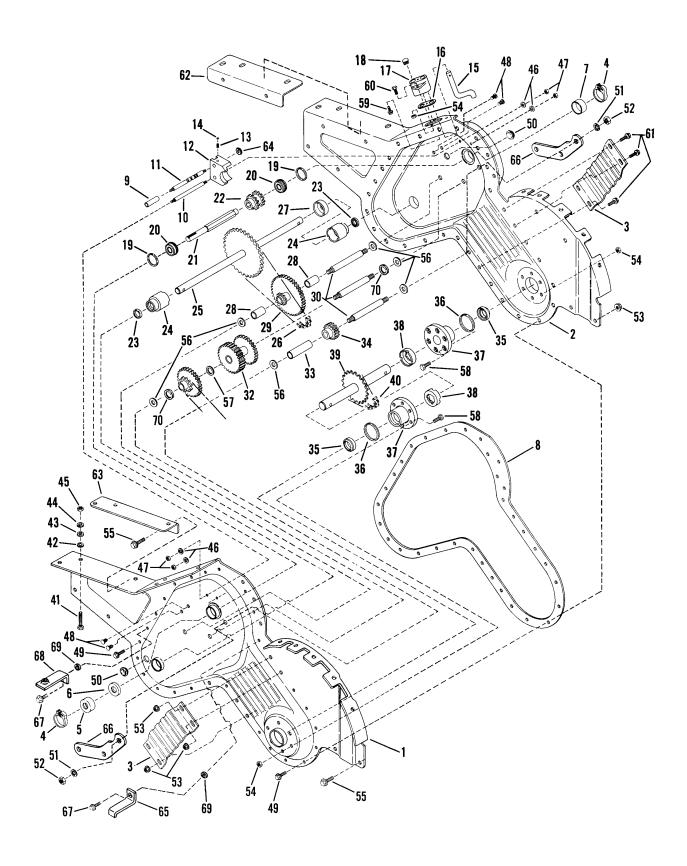
Main Case & Gears

32	Item	Part No	Qty	Description	Note
34 7051653 "*ASSEMBLY, Reverse Idler 35 7015343 2 SEAL, Oil 36 7015343 2 O-RING 37 7018869 2 BEARING, Tine Shaft 38 7015315 SPACER, Tine Shaft Was 47881 (Series 0 & 1) 39 7041657 STRUCTURE, Tine Shaft Was 57650 (Series 2) 40 7015346 CHAIN, Tine #40 Was 57650 (Series 2) 41 7090244 4 SCREW, 5/16-24 x 13/4" Hex Hd. Cap 44 42 7011791 4 RETAINER, 5/16 Flat Was 90223 43 7090188 5 WASHER, 5/16 Split Was 90223 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock Was 15404 ('88 Models Only) 49 7073293 4 *FASTENER, Ratchet Was 15404 ('88 Models Only) 50 7011024 PLUG Was 164, 18 tax 1/2" Self-Tapping Was 90585 50 7090873 6 NUT,	32	7054412		** ASSEMBLY, Wheel Drive Gear	Was 51654
35	33	7015323		SPACER, Reverse	
36 7015343 2 O-RING 37 7018869 2 BEARING, Tine Shaft 38 7015315 SPACER, Tine Shaft Was 47881 (Series 0 & 1) 39 7041657 "STRUCTURE, Tine Shaft Was 57650 (Series 2) 40 7015346 CHAIN, Tine #40 Was 57650 (Series 2) 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap Was 57650 (Series 2) 42 7011791 4 RETAINER, 5/16 Bolt Was 90223 43 709188 5 WASHER, 5/16 Split Was 90223 44 7091077 4 LOCKWASHER, 5/16 Split Was 90223 46 7091297 4 NUT, 5/16-24 Hex Was 90223 47 7090095 4 NUT, 7/16-20 Hex Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping PLUG 50 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090721 14 LOCKNUT, 114-20 Hex Was 1472 Self-Tapping	34	7051653		** ASSEMBLY, Reverse Idler	
37 7018869 2 BEARING, Tine Shaft 38 7015315 SPACER, Tine Shaft Was 47881 (Series 0 & 1) 39 7041657 * STRUCTURE, Tine Shaft Was 57650 (Series 2) 40 7015346 CHAIN, Tine #40 Was 57650 (Series 2) 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock Was 90223 47 7090055 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 90585 50 7011024 PLUG Was HER, 7/16 Int. Tooth Lock 51 7090723 14 LOCKNUT, 5/16-18 x 1/2" Hex Flg. Lock Was 90585 54 70909721 33 <t< td=""><td>35</td><td>7015342</td><td>2</td><td>SEAL, Oil</td><td></td></t<>	35	7015342	2	SEAL, Oil	
38 7015315 SPACER, Tine Shaft Was 47881 (Series 0 & 1) 39 7041657 STRUCTURE, Tine Shaft Was 57650 (Series 2) 40 7015346 CHAIN, Tine #40 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Flat 44 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090095 4 WASHER, 5/16 Split Was 15404 ('88 Models Only) 49 7090095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 15404 ('88 Models Only) 50 701024 PLUG Was 90585 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7090721 13 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56	36	7015343	2	O-RING	
39 7041657 * STRUCTURE, Tine Shaft Was 47881 (Series 0 & 1) 40 7015346 CHAIN, Tine #40 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock Was 90223 47 7090095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Yelug 50 7011024 PLUG Was 90585 51 7090873 6 WASHER, 7/16 Int. Tooth Lock Was 90585 52 7090460 6 NUT, 7/16-20 Hex Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex Was 90585 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock <td>37</td> <td>7018869</td> <td>2</td> <td>BEARING, Tine Shaft</td> <td></td>	37	7018869	2	BEARING, Tine Shaft	
7041657 STRUCTURE, Tine Shaft Was 57650 (Series 2) 40 7015346 CHAIN, Tine #40 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Split 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091095 4 NUT, 5/16-24 Hex Was 90223 46 7090095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 15404 ('88 Models Only) 50 7011024 PLUG Was 15404 ('88 Models Only) 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091011 8 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM <	38	7015315		SPACER, Tine Shaft	
40 7015346 CHAIN, Tine #40 41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock 47 709095 4 NUT, 1/4-20 Hex 48 7073293 4 "FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 15404 ('88 Models Only) 50 7011024 PLUG WASHER, 7/16 Int. Tooth Lock 51 7090460 6 NUT, 7/16-20 Hex Was 90585 54 7090372 14 LOCKNUT, 5/16-18 x 1/2" Hex Flg. Lock Was 90585 54 7090721 33 BOLT, 5/16-18 x 1/2" Self-Tapping Self-Tapping 58 7090721 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap SCREW, 1/4-20 x 3/4" Self-Tapping 50 7090595 <td>39</td> <td>7041657</td> <td></td> <td>* STRUCTURE, Tine Shaft</td> <td>Was 47881 (Series 0 & 1)</td>	39	7041657		* STRUCTURE, Tine Shaft	Was 47881 (Series 0 & 1)
41 7090244 4 SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap 42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock 47 709095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 48 7073293 4 "FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 15404 ('88 Models Only) 50 7011024 PLUG Was 90585 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 ker Flag. Lock 56 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 57 7020938 SHIM SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090929 3 SCREW, 1/4-20 x 1/2" Self-Tapping		7041657		STRUCTURE, Tine Shaft	Was 57650 (Series 2)
42 7011791 4 RETAINER, 5/16 Bolt 43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 47 709095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 49 70909858 27 SCREW, 5/16-18 x 1/2" Self-Tapping Was 15404 ('88 Models Only) 50 7011024 PLUG Was 90585 Was 90583 51 7090873 6 WASHER, 7/16 Int. Tooth Lock Was 90585 52 7090460 6 NUT, 7/16-20 Hex Was 90585 53 7091601 8 LOCKNUT, 5/16-18 kx 1/2" Hex Flg. Lock Was 90585 54 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock SCHEW, 1/4-20 x 5/8" Hex Hd. Cap 57 7020938 SHIM SCHEW, 1/4-20 x 1/2" Self-Tapping SCREW, 1/4-20 x 3/4" Self-Tapping SCREW, 1/4-20 x 3/4" Hex. Flg. Lock	40	7015346		CHAIN, Tine #40	
43 7090188 5 WASHER, 5/16 Flat 44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090095 4 WASHER, 1/4 Int. Tooth Lock Was 15404 ('88 Models Only) 48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock Was 90585 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping SCREW, 1/4-20 x 3/4" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Hex. Flg. Lock 62 7038	41	7090244	4	SCREW, 5/16-24 x 1 3/4" Hex Hd. Cap	
44 7090187 4 LOCKWASHER, 5/16 Split 45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock 47 7090095 4 NUT, 1/4-20 Hex 48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090722 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 709072 12 SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090950 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61	42	7011791	4	RETAINER, 5/16 Bolt	
45 7091297 4 NUT, 5/16-24 Hex Was 90223 46 7090053 4 WASHER, 1/4 Int. Tooth Lock 47 7090095 4 NUT, 1/4-20 Hex Was 15404 ('88 Models Only) 48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 57 7020938 SHIM SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038	43	7090188	5	WASHER, 5/16 Flat	
46 7090053 4 WASHER, 1/4 Int. Tooth Lock 47 7090095 4 NUT, 1/4-20 Hex 48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 3/4" Self-Tapping 60 7090290 3 SCREW, 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2)	44	7090187	4	LOCKWASHER, 5/16 Split	
47 7090095 4 NUT, 1/4-20 Hex 48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 3/4" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2	45	7091297	4	NUT, 5/16-24 Hex	Was 90223
48 7073293 4 * FASTENER, Ratchet Was 15404 ('88 Models Only) 49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Belf-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1) </td <td>46</td> <td>7090053</td> <td>4</td> <td>WASHER, 1/4 Int. Tooth Lock</td> <td></td>	46	7090053	4	WASHER, 1/4 Int. Tooth Lock	
49 7090858 27 SCREW, 5/16-18 x 1/2" Self-Tapping 50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	47	7090095	4	NUT, 1/4-20 Hex	
50 7011024 PLUG 51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 709072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	48	7073293	4	* FASTENER, Ratchet	Was 15404 ('88 Models Only)
51 7090873 6 WASHER, 7/16 Int. Tooth Lock 52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	49	7090858	27	SCREW, 5/16-18 x 1/2" Self-Tapping	
52 7090460 6 NUT, 7/16-20 Hex 53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	50	7011024		PLUG	
53 7091601 8 LOCKNUT, 5/16-18 Hex Flange Was 90585 54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038648 REINFORCEMENT, L.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	51	7090873	6	WASHER, 7/16 Int. Tooth Lock	
54 7090372 14 LOCKNUT, 1/4-20 Hex 55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Hex. Flg. Lock 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	52	7090460	6	NUT, 7/16-20 Hex	
55 7090721 33 BOLT, 5/16-18 x 1/2" Hex Flg. Lock 56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	53	7091601	8	LOCKNUT, 5/16-18 Hex Flange	Was 90585
56 7090953 6 SHIM 57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	54	7090372	14	LOCKNUT, 1/4-20 Hex	
57 7020938 SHIM 58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 0 & 1) 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	55	7090721	33	BOLT, 5/16-18 x 1/2" Hex Flg. Lock	
58 7090072 12 SCREW, 1/4-20 x 5/8" Hex Hd. Cap 59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	56	7090953	6	SHIM	
59 7090952 * SCREW, 1/4-20 x 1/2" Self-Tapping 60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	57	7020938		SHIM	
60 7090290 3 SCREW, 1/4-20 x 3/4" Self-Tapping 61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	58	7090072	12	SCREW, 1/4-20 x 5/8" Hex Hd. Cap	
61 7090595 5 BOLT, 5/16-18 x 3/4" Hex. Flg. Lock 62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	59	7090952		* SCREW, 1/4-20 x 1/2" Self-Tapping	
62 7038647 REINFORCEMENT, R.H. Frame (Series 0 & 1) 7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H. Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	60	7090290	3	SCREW, 1/4-20 x 3/4" Self-Tapping	
7038647 REINFORCEMENT, R.H. Frame (Series 2) 63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	61	7090595	5	BOLT, 5/16-18 x 3/4" Hex. Flg. Lock	
63 7038648 REINFORCEMENT, L.H. Frame 38358 (Series 0 & 1) 7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)	62	7038647		REINFORCEMENT, R.H. Frame	(Series 0 & 1)
7038648 REINFORCEMENT, L.H.Frame (Series 2) 64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)		7038647		REINFORCEMENT, R.H. Frame	(Series 2)
64 7090987 * WASHER, Shim 65 7032845 BRACE, Belt Cover <i>Was 38356 (Series 0 & 1)</i>	63	7038648		REINFORCEMENT, L.H. Frame	38358 (Series 0 & 1)
65 7032845 BRACE, Belt Cover Was 38356 (Series 0 & 1)		7038648		REINFORCEMENT, L.H.Frame	(Series 2)
,	64	7090987		* WASHER, Shim	
7032845 BRACE, Belt Cover (Series 2)	65	7032845		BRACE, Belt Cover	Was 38356 (Series 0 & 1)
		7032845		BRACE, Belt Cover	(Series 2)

Footnotes:

NOTE: * Not Used On Model IR 5002B

NOTE: ** Part # 15339 DX Bearings are included, if purchased separately they must be pressed in.



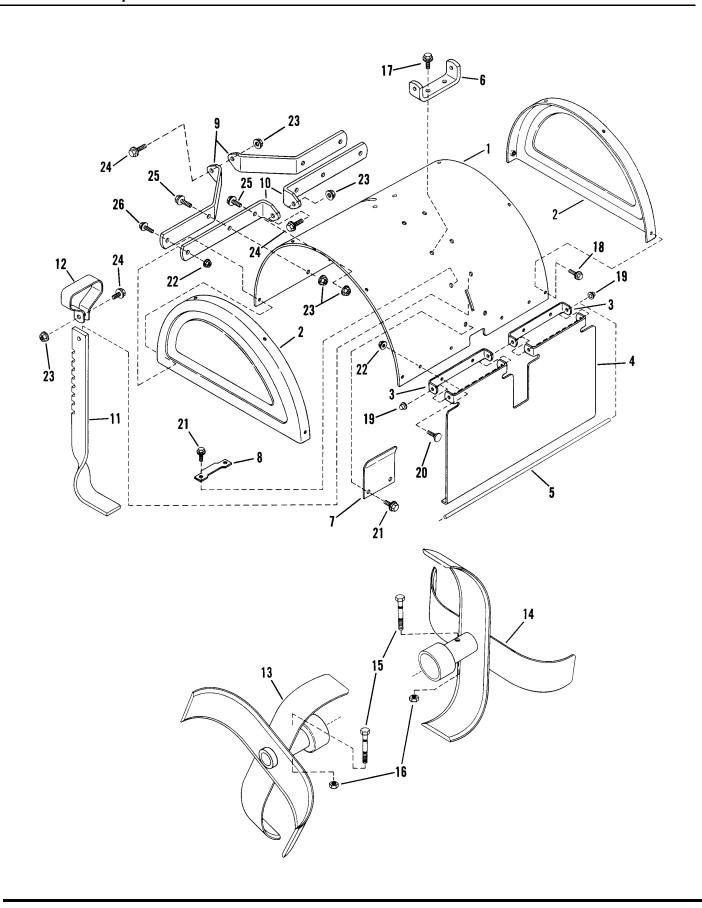
Main Case & Gears

Item	Part No	Qty	Description	Note
66	7061174	2	SIDE PLATE	Was 33415
67	7090361	2	SCREW, 5/16-18 x 5/8" Self-Tapping	
	7091541		SCREW, 5/16-18 x 3/4" Self-Tapping (IR 5002B)	Was 90368
68	7033962		BRACKET, Belt Cover	Was 32844
69	7014206	2	SPACER, (IR 5002B)	
70	7033531	2	WASHER, Shim	

Footnotes:

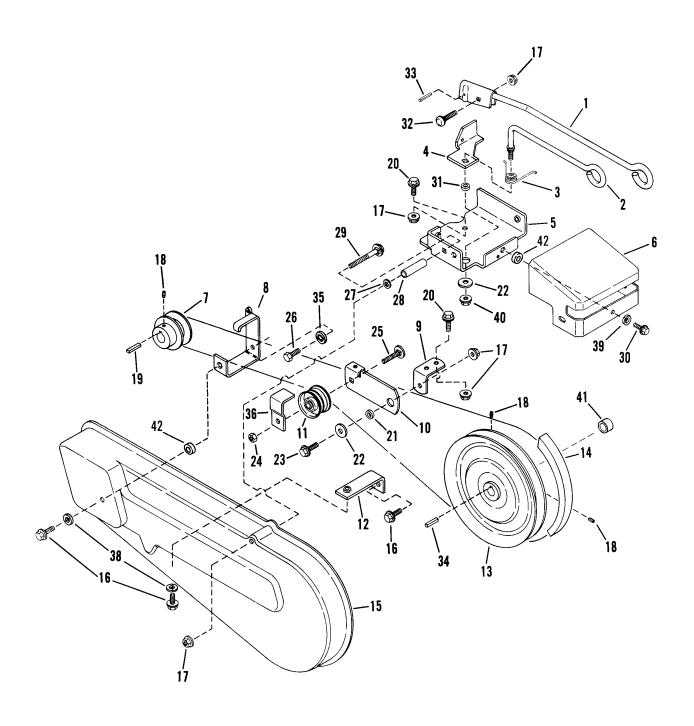
NOTE: * Not Used On Model IR 5002B

NOTE: ** Part # 15339 DX Bearings are included, if purchased separately they must be pressed in.



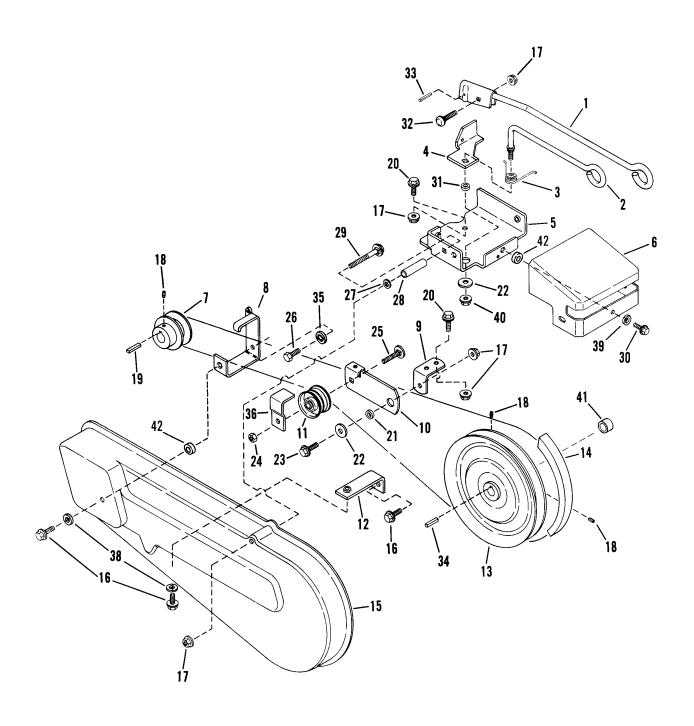
Tiller Head Components

Item	Part No	Qty	Description	Note
1	7035101		COVER, Tine	
2	7036166	2	COVER, Side Tine	
3	7032536	2	HINGE, Half	
4	7036168		SHIELD, Drag	
5	7032494		PIN, Drag Shield	
6	7032507		BRACKET, Support	
7	7032659		SPRING, Depth Bar	
8	7032592		PLATE, Latch	
9	7038272	2	REINFORCEMENT, Front Tine Cover	
10	7038273	2	REINFORCEMENT, Rear Tine Cover	
11	7038235		BAR, Depth	
12	7032553		HANDLE, Depth Bar	
13	7075158		STRUCTURE, Left Tine	Was 49734
14	7075157		STRUCTURE, Right Tine	Was 49735
15	7028725	2	BOLT, 5/16-24 x 2" Shear	Was 15676
16	7090222	2	NUT, 5/16-24 Hex Lock	
17	7091541	2	SCREW, 5/16-18 x 3/4" Self-Tapping	Was 90368
18	7091084	6	SCREW, 1/4-20 x 3/8" Self-Tapping	Was 90302
19	7091020	2	NUT, 1/4 Push	Was 90489
20	7091604	4	BOLT, 1/4-20 x 1/2" Flat Head Carriage	Was 90969
21	7090361	8	SCREW, 5/16-18 x 5/8" Self-Tapping	
22	7091584	6	NUT, 1/4-20 Hex Flange Lock	Was 90583
23	7091601	7	NUT, 5/16-1B Hex Flange Lock	Was 90585
24	7090661	3	BOLT, 5/16-18 x 1" Hex Flange Lock	
25	7090606	4	BOLT, 5/16-18 x 5/8" Hex Flange Lock	
26	7090290	2	SCREW, 1/4-20 x 3/4" Self-Tapping	



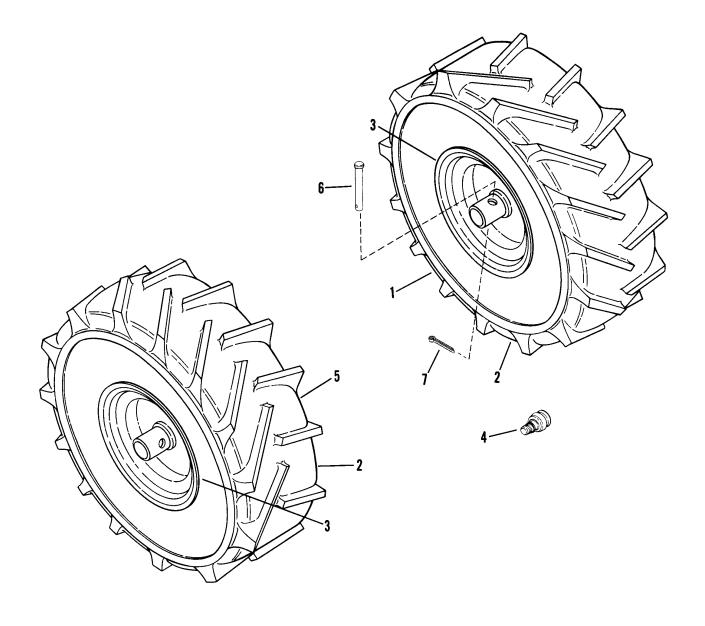
Shift & Drive Components

Item	Part No	Qty	Description	Note
1	7047884		LEVER, Shift	
2	18924		LEVER, Lockout	1988 Models Only.
3	7015605		SPRING, Interlock	1988 Models Only.
4	32591		INTERLOCK, Shift	1988 Models Only.
5	7038646		PLATE, Shift	Was 38234 (Series 0 & 1)
	7038646		PLATE, Shift	(Series 2)
6	7017004		COVER, Shift	1988 Models Only.
	7017018		COVER, Shift	1989 Models & Later.
7	7011809		PULLEY, Engine	
8	7032541		GUIDE, Belt	
9	32538		BRACKET, Idler Pivot	(Series 0 & 1)
	7032843		BRACKET, Idler Pivot	(Series 2)
10	7032846		BRACKET, Idler Arm	Was 32537 (Series 0 & 1)
	7032846		BRACKET, Idler Arm	(Series 2)
11	7010948		PULLEY, Idler	
12	7032539		BRACKET, Belt Cover	
	7033962		BRACKET, Belt Cover	Was 32844
13	7011194		PULLEY, Driven	
14	7015403		BELT, Drive	
15	7016022		COVER, Belt	
16	7090858	3	SCREW, 5/16-18 x 1/2 Self-Tapping	
	7091541	3	SCREW, 5/16-18 x 3/4" Self-Tapping (IR 5002B)	Was 90368
17	7091601	6	NUT, 5/16-18 Hex Flange Lock	Was 90585
18	7090954	3	SCREW, 5/16-18 x 5/16" Hex Set	
19	7010061		KEY, 3/16 x 1" Square	
20	7090721	4	BOLT, 5/16-18x1/2" Hex Flange Lock	1988 Models Only.
	7090361	4	SCREW, 5/16-18x5/8" Self-Tapping	1989 Models & Later.
21	7013849		SPACER	
22	7014098	1	WASHER, 11/32 Flat	
23	7090595		BOLT, 5/16-18x3/4" Hex Flange Lock	
24	7091585		NUT, 3/8-16 Hex Lock	Was 90546
25	7090964		BOLT, 3/8-16x1-1/2" Flat Head Carriage	
26	7090322	2	SCREW, 5/16-24x1/2" Hex Head Cap	
27	7011791		RETAINER, 5/16 Bolt	
28	7013025		BUSHING	(SERIES 0 & 1)
	7023851		TUBE-CUT	(SERIES 2)
29	7090959		BOLT, 5/16-18 x 2-1/2" Short Neck Carriage	



Shift & Drive Components

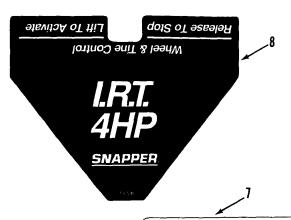
<u>Item</u>	Part No	Qty	Description	Note
30	7091122	3	BOLT, 1/4-20x1/2" Self-Tapping	Was 90539
31	7015618		SPACER	1988 Models Only.
32	7091303		BOLT, 5/16-18x1" Short Neck Carriage	Was 90383
33	7013550		PIN,L 3/16x1" Roll	
34	7012830		KEY, 3/16x3/4" Square	
35	7090391		WASHER, 5/16 Internal Tooth Lock	1988 Models Only.
36	7032662		GUIDE, Idler	
37	7011762		BOOT, Spark Plug (not shown)	
			ENGINE, Briggs & Stratton, 4 HP (not shown)	(Series 0 & 1)
			ENGINE, Briggs & Stratton, 4 HP (not shown)	(Series 2)
			ENGINE, Briggs & Stratton, 5 HP (B&S # 135202-0127-01)(IR 5002B)	(Not Shown)
38	7090188	2	WASHER, 5/16 Flat	
39	7091294	3	WASHER, 1/4 Flat	Was 90055
40	7090951	2	NUT, 5/16-18 Hex Flange Lock	
41	7023852		SPACER, 5/8 I.D.	(Series 2)
42	7033349	2	BUSHING, Rubber (IR 5002B)	



Wheels, Tires, Rims

<u>Item</u>	Part No	Qty	Description	Note
1	7018579		ASSEMBLY, Right Wheel	(Includes items 2 thru 4)
2	7014511		TIRE, 13x5.00x6 (Lug)	
3	7014512		RIM	
4	7012234		VALVE, Air (Snap-in)	
5	7018580		ASSEMBLY, Left Wheel	(Includes items 2 thru 4)
6	7029841	2	PIN 5/16x1-11/16" Clevis	Was 12407
7	7091597	2	PIN, 3/32x3/4" Cotter	Was 90037





ATTENTION!

- ENGINE BASE MUST BE LEVEL WHEN CHECKING OIL.
- LOW OIL LEVEL CAN RESULT IN ENGINE DAMAGE.

STARTING PROCEDURE

- Check fuel & oil. (Ref. engine manual).
 Move top lever to CHOKE & move throttle lever to RUN.
 Place foot on top of right wheel.
 Hold handle bar and pull starter rope until engine starts.
 Reduce CHOKE as engine warms.



OPERATING INSTRUCTIONS

HANDLE POSITION: POSITION HANDLE UP AND DOWN AS DESIRED.

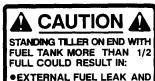
DEPTH OF TILLING: RAISE OR LOWER DEPTH BAR FOR DESIRED TILLING DEPTH

ENGINE START:
CHECK OIL AND GAS, SET THROTTLE TO CHOKE OR FAST,
AND PULL STARTER RUPE. SEE ENGINE MANUAL FOR DETAILS.

TILLER CLUTCH:
SHIFT TO DESIRED OPERATION AND PULL BACK AND UP
ON CLUTCH BAIL FOR TRACTION DRIVE AND TILLING.

SEE OPERATOR'S MANUAL FOR ADDITIONAL INFORMATION

WARNING KEEP AWAY FROM ROTATING TINES **ROTATING TINES MAY CAUSE INJURY**



POTENTIAL FIRE HAZARD. FUEL LEAK INSIDE ENGINE AND ENGINE DAMAGE.

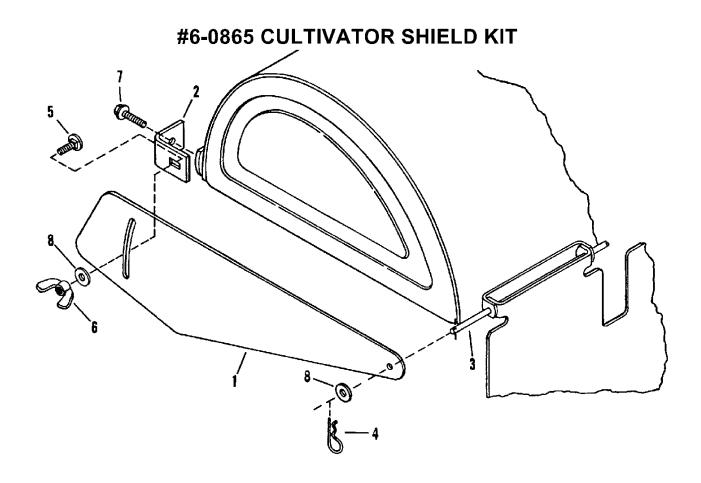
IMPORTANT SAFETY INSTRUCTIONS

- Be familiar with all controls and know how to stop Tiller quickly Never allow children or inexperienced persons to operate your
- Never allow children or inexperienced persons to operate your iller. Keep everyone safely away from the area being tilled. Wear protective clothing and appropriate shoes to provide best
- footing. Stay alert, give complete and undivided attention to the job on.
- hand. Fill I uel tank only when engine is stopped and not hot. Fill out-side where turnes can be safely dissipated. Keep teel, hands and coloning safely away from tines at all times. Disengage the tines and stop the engine before making any ad-justments. Certaining times or leaving the operator's ossistion.

Manual No. 7006043 TP 400-5171-4-RT-N

Decals

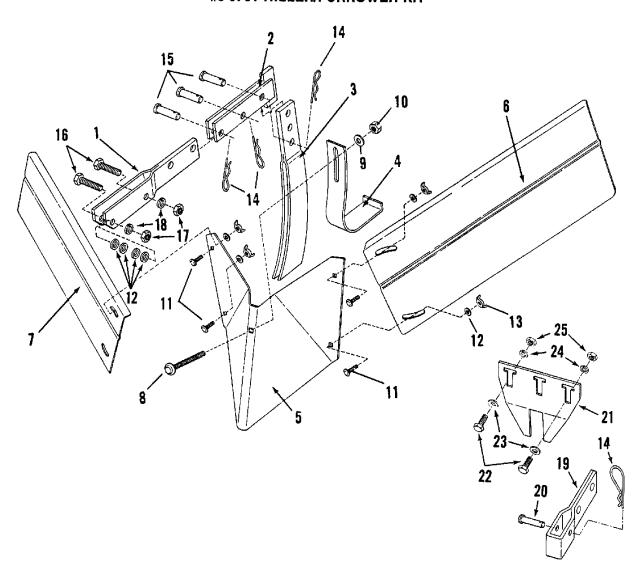
Item	Part No	Qty	Description	Note
1	7019295		DECAL, SNAPPER	Was 18593
2	7015408		DECAL, Starting	
3	7015407		DECAL, Operating	
4	7014425		DECAL, Safety	
5	7023043		DECAL, Caution	
6	7015684		DECAL, Warning	
7	7017682		DECAL, Engine Oil	
8	19276		DECAL, Control	(IRT 4HP Shown); (Series 2)
	18891		DECAL, Control	(IRT 4HP Not Shown); (Series 0 & 1)
	7022306		DECAL, Control	(IR 5002B 5HP Not Shown)



Accessory - Cultivator Shield Kit

Item	Part No	Qty	Description	Note
	7060865		KIT, Cultivator Shield	(Includes items 1 thru 9)
1	7036266	2	CULTIVATOR, Shield	
2	7032724	2	BRACKET, Front Latch	
3	7038397		PIN, Drag Shield	
4	7012431	2	PIN, 1/4" Hair	
5	7090803	2	BOLT, 1/4-20x5/8" Carriage	
6	7090997	2	NUT, 1/4-20 Wing	
7	7090911	2	SCREW, 1/4-20x1-1/4" Self-Tapping	
8	7091294	4	WASHER, 1/4 Flat	Was 90055
9	7091597	2	PIN, 3/32x3/4" Cotter (not shown)	Was 90037

#6-0731 HILLER/FURROWER KIT



Accessory - Hiller-Furrower Kit

Item	Part No	Qty	Description	Note
	7060731		KIT, Hiller-Furrower	(Includes items 1 thru 26)
1	7047857		BRACKET, Clevis	
2	7047858		DRAW-BAR	
3	7047865		STANDARD	
4	7032430		SKID-SHOE	
5	7035072		HILLER-FURROWER	
6	7036135		WING, Left Side Hiller	
7	7036134		WING, Right Side Hiller	
8	7090779		BOLT, 1/2x3-1/2 Carriage	
9	7090705		WASHER, 1/2" Flat	
10	7091316		NUT, 1/2 Hex	Was 90258
11	7090316	4	BOLT, 5/16x 3/4 Carriage	
12	7090188	8	WASHER, 5/16 Flat	
13	7091537	4	WING-NUT, 5/16-18	Was 90492
14	7091596	3	PIN, 1/8 Hair	Was 13844
15	7013111	3	PIN, 1/2x1" Clevis	
16	7091540	2	BOLT, 5/16-18x1-1/2 Hex	Was 90211
17	7091511	2	NUT, 5/16-18 Hex	Was 90196
18	7090187	2	LOCKWASHER, 5/16	
19	7040527		BRACKET, Mounting	(Front Tine Tiller Only)
20	7013460		PIN, Clevis 3/8x1-1/2"	(Front Tine Tiller Only)
21	7038217		CLEVIS, Support	
22	7090134	2	SCREW, 3/8-16x3/4" Hex Head Cap	
23	7090122	8	WASHER, 3/8" Flat	
24	7090118	2	WASHER, 3/8 Split Lock	
25	7091302	6	NUT, 3/8-16 Hex	Was 90130
26	7014206		SPACER (not shown)	

Parts Manual for



INTERMEDIATE REAR TINE TILLERS SERIES 0, 1 & 2

IT IS THE POLICY OF SNAPPER TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.

SNAPPER, McDonough, GA, 30253 U.S.A.